

CLAIM AMENDMENTS

1 - 14. (canceled)

1 15. (new) A curable paste containing small mineral
2 hollow microspheres, water, an inorganic/organic binder or a
3 mixture of such binders and fibers, characterized in that the paste
4 is freely shapeable.

1 16. (new) The paste according to claim 15,
2 characterized in that it contains a wetting agent.

1 17. (new) The paste according to claim 15,
2 characterized in that it contains an antifoaming agent.

1 18. (new) The paste according to claim 15,
2 characterized in that the average grain size (diameter) of the
3 hollow microspheres is of 5 mm to 500 mm and preferably of 20 mm to
4 300 mm and especially preferred of 50 mm to 150 mm.

1 19. (new) The paste according to claim 15,
2 characterized in that the hollow microspheres consist of glass,
3 ceramics or fly ash and particularly include an inert gas.

1 20. (new) The paste according to claim 15,
2 characterized in that the paste contains a mixture of hollow
3 microspheres with differently high melting points.

1 21. (new) The paste according to claim 15,
2 characterized in that polysiloxane and especially preferred a
3 polysiloxane emulsion is used as binder.

1 22. (new) The paste according to claim 15,
2 characterized in that an uniform type of fibers or a mixture of
3 different fibers, preferably mineral fibers is used, particularly
4 glass fibers, glass wool, mineral wool, ceramic fibers, carbon
5 fibers and/or aramid fibers.

1 23. (new) The paste according to claim 15,
2 characterized by the following composition

3 hollow microspheres: 10 - 80% by weight, preferably 30 -
4 75% by weight,

5 fibers: 3 - 20% by weight,

6 binders: 3 - 25% by weight (active agent),

7 wetting agents: 0.01 - 1% by weight,

8 antifoaming agents: 0.01 - 2% by weight,

9 balance: water.

1 24. (new) The use of the paste according to claim 15
2 for fire protection and/or for thermal insulation, particularly as
3 filling composition or sprayable or spreadable material for the
4 sealing of hollow chambers, for the filling of wall areas or for
5 spraying on wall areas and/or in machine construction for the
6 insulation of places that are hard to access or asymmetric and/or
7 for thermal insulation and fire barriers of inlets in fire walls,
8 such as pipe and cable inlets.

1 25. (new) The use of the Paste according to claim 15 as
2 freely shapeable material for the production of shaped parts for
3 elevated application threshold temperatures, particularly in the
4 core-shooting process, by free forming and by pressing.

1 26. (new) A shaped part for elevated application
2 threshold temperatures containing hollow microspheres, fibers and
3 an inorganic binder or a mixture of such binders, characterized in
4 that it contains mineral hollow microspheres and was preferably
5 produced by shaping and curing of a paste containing one of these
6 ingredients and water, particularly a paste according to claim 15.

1 27. (new) The shaped part according to claim 26,
2 characterized in that it is formed as an insulating layer for
3 elevated application threshold temperatures, particularly in form
4 of boards for fire doors and fire walls in building construction
5 and ship building, for technical insulation, for the selective
6 insulation of electric switches, power sockets, lamps and suchlike,
7 for fields of application with shock-like temperature changes,
8 particularly in foundry technology as inner lining for high-
9 temperature kilns.

1 28. (new) The shaped part according to claim 26,
2 characterized in that its density is of 50 kg/m³ to 500 kg/m³,
3 particularly of 100 kg/m³ to 250 kg/m³.

1 29. (new) The shaped part according to claim 26,
2 characterized in that the cured shaped part contains more than 80%
3 by weight, particularly about 90% by weight of hollow microspheres.

1 30. (new) The shaped part according to claim 26,
2 characterized in that it is designed as a shaped part for metal
3 casting, particularly as a feeder sleeve.